

1-1-1880

Catalogue of Trinity College, 1880-81 (Officers and Students)

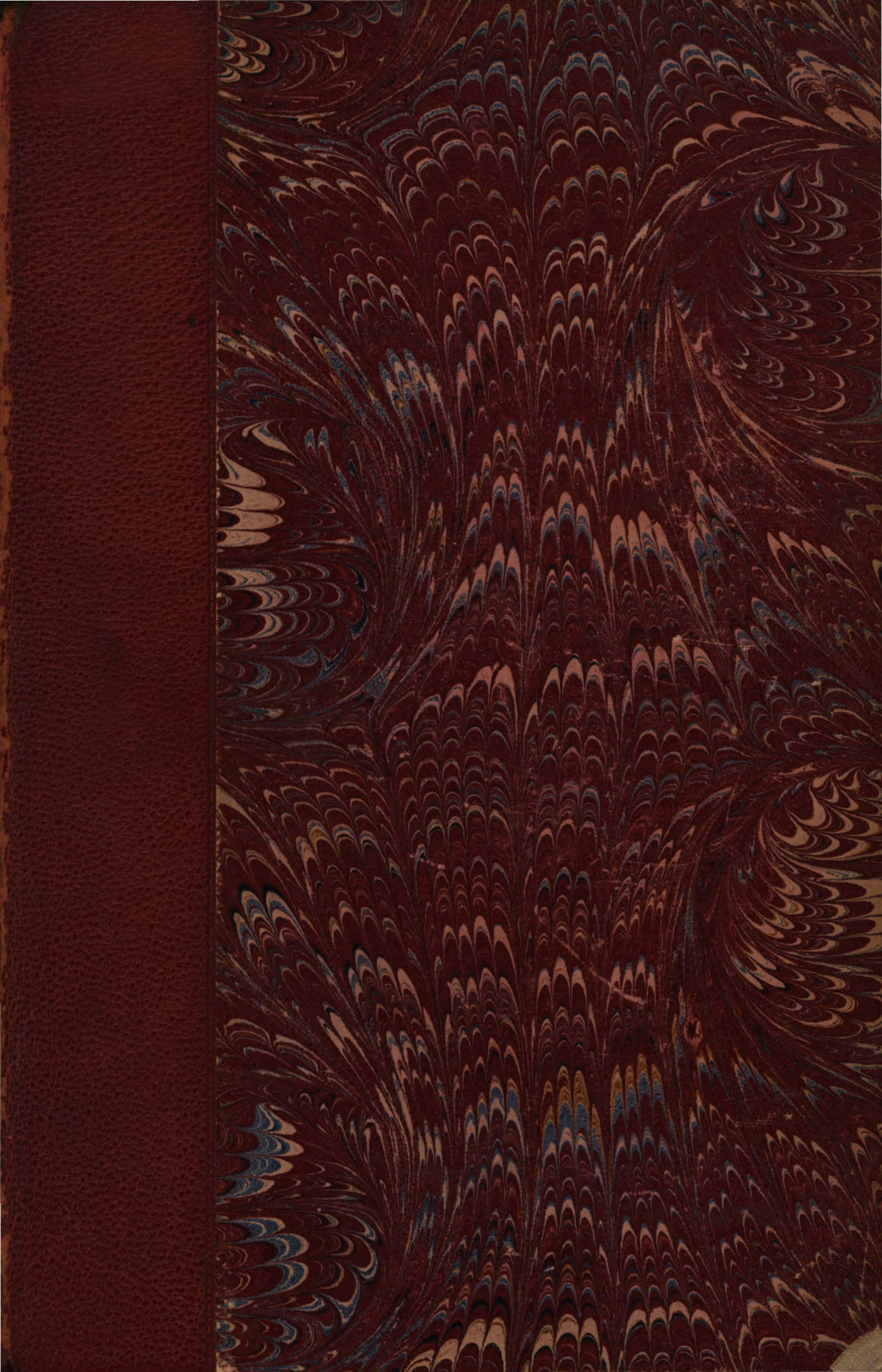
Trinity College

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CATALOGUE
OF THE
OFFICERS AND STUDENTS
OF
TRINITY COLLEGE.

1880-81.

PRO ECCLESIA ET PATRIA.

HARTFORD, CONN.:
PRINTED FOR THE COLLEGE.
1880.

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PRESS OF THE CASE, LOCKWOOD & BRAINARD COMPANY, HARTFORD, CONN.

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COLLEGE CALENDAR.

1880.

Sept.	16.	<i>Thursday.</i>	Christmas Term begins.
Nov.	1.	<i>Monday.</i>	All Saints' Day.
"	19.	<i>Friday.</i>	English Literature Prize Examination.
"	20.	<i>Saturday.</i>	" " " "
"	25.	<i>Thursday.</i>	Thanksgiving-Day.
Dec.	4.	<i>Saturday.</i>	Freshman Algebra Prize Examination.
"	18.	<i>Saturday.</i>	Christmas Examinations.
"	20.	<i>Monday.</i>	" "
"	21.	<i>Tuesday.</i>	" "
"	22.	<i>Wednesday.</i>	" "
"	23.	<i>Thursday.</i>	" " Appointment of Toucey Scholar.
Christmas Vacation begins.			

1881.

Jan.	13.	<i>Thursday.</i>	Trinity Term begins.
Feb.	22.	<i>Tuesday.</i>	Holiday. Prize Version Appointments published.
Oratorical Prize Contest.			
March	1.	<i>Tuesday.</i>	Junior Standing published.
"	2.	<i>Wednesday.</i>	Ash-Wednesday.
April	15.	<i>Friday.</i>	Good Friday.
"	22.	<i>Friday.</i>	Easter Recess begins.
May	2.	<i>Monday.</i>	Easter Recess ends. Tuttle Prize Essays handed in.
"	3.	<i>Tuesday.</i>	Latin Prize Examination.
"	4.	<i>Wednesday.</i>	Chemical Prize Essays handed in.
"	7.	<i>Saturday.</i>	Freshman Geometry Prize Examination.
"	10.	<i>Tuesday.</i>	Pascal-Fénelon Prize Examination.
"	19.	<i>Thursday.</i>	Prize Version Declamations.
"	26.	<i>Thursday.</i>	Ascension-Day.
June	8.	<i>Wednesday.</i>	Senior Examinations.
"	9.	<i>Thursday.</i>	" "
"	10.	<i>Friday.</i>	" "
"	11.	<i>Saturday.</i>	" "
"	12.	<i>Sunday.</i>	Trinity-Sunday.
"	13.	<i>Monday.</i>	Senior Examinations.
"	14.	<i>Tuesday.</i>	" "

June	15.	Wednesday.	Senior Examinations.	
"	17.	Thursday.	Trinity Examinations.	
"	17.	Friday.	" "	Senior Standing published.
"	18.	Saturday.	" "	
"	20.	Monday.	" "	
"	21.	Tuesday.	" "	
"	22.	Wednesday.	" "	
"	23.	Thursday.	Class-Day. Award of Prizes.	
"	24.	Friday.	Trinity Examinations.	
"	25.	Saturday.	" "	
"	26.	Sunday.	Baccalaureate Sermon.	
"	27.	Monday.	Examinations for Admission.	
"	28.	Tuesday.	" "	
"	29.	Wednesday.	Annual Meetings of the Corporation and of the House of Convocation.	
"	30.	Thursday.	Commencement-Day. Trinity Vacation begins.	

Sept.	13.	Tuesday.	Examinations for Admission.	
"	14.	Wednesday.	" "	
"	15.	Thursday.	Christmas Term begins.	

SENATUS ACADEMICUS.

VISITORS.

The Rt. Rev. THE CHANCELLOR.

The Rt. Rev. HORATIO POTTER, D.D., LL.D., D.C.L.

The Rt. Rev. THOMAS MARCH CLARK, D.D., LL.D.

The Rt. Rev. HENRY ADAMS NEELY, D.D.

The Rt. Rev. WILLIAM H. A. BISSELL, D.D.

The Rt. Rev. WILLIAM WOODRUFF NILES, D.D.

The Rt. Rev. JOHN BARRETT KERFOOT, D.D., LL.D.

The Rt. Rev. BENJAMIN HENRY PADDOCK, D.D.

CORPORATION.

CHANCELLOR :

The Rt. Rev. JOHN WILLIAMS, D.D., LL.D.,
ex-officio PRESIDENT.

The Rev. The PRESIDENT OF THE COLLEGE.

The Rev. E. EDWARDS BEARDSLEY, D.D., LL.D.

The Hon. HENRY JOEL SCUDDER, M.A.

The Rev. GEORGE H. CLARK, D.D.

GEORGE M. BARTHOLOMEW, Esq.

WILLIAM C. PETERS, M.A.

RICHARD W. H. JARVIS, M.A.

CHARLES J. HOADLY, M.A.

CHARLES H. NORTHAM, Esq.

The Hon. JAMES E. ENGLISH, M.A.

GEORGE BEACH, Esq.

The Rt. Rev. BENJAMIN H. PADDOCK, D.D.

The Rev. GEORGE S. MALLORY, D.D.

The Hon. DWIGHT W. PARDEE, LL.D.

CHARLES E. GRAVES, M.A., *Secretary and Treasurer.*

The Rt. Rev. WILLIAM W. NILES, D.D.

The Rev. SANFORD J. HORTON, D.D.

The Rev. WILLIAM TATLOCK, D.D.

FACULTY.

✓ The Rev. THOMAS R. PYNCHON, D.D., LL.D., PRESIDENT;
and Hobart Professor of Moral Philosophy.

48 Vernon Street.

✓ JOHN BROCKLESBY, LL.D.,
Seabury Professor of Natural Philosophy and Astronomy.

4 Vernon Street.

✓ The Rev. EDWIN E. JOHNSON, M.A.,
Brownell Professor of Rhetoric and of the English Language and Literature.

1542 Broad Street.

✓ The Rev. SAMUEL HART, M.A.,
Professor of Pure Mathematics.

22 Jarvis Hall.

✓ GEORGE O. HOLBROOKE, M.A.,
Professor of the Latin Language and Literature.

15 Seabury Hall.

✓ LEONARD WOODS RICHARDSON, M.A.,
Professor of the Modern Languages; and Secretary.

21 Jarvis Hall.

✓ H. CARRINGTON BOLTON, PH.D.,
Scovill Professor of Chemistry and Natural Science.

107 Elm Street.

✓ The Rev. ISBON T. BECKWITH, PH.D.,
Professor of the Greek Language and Literature.

14 Seabury Hall.

✓ The Rt. Rev. JOHN WILLIAMS, D.D., LL.D.,

Lecturer on History.

Middletown.

✓ GEORGE C. SHATTUCK, M.A., M.D.,

Professor of the Institutes of Medicine.

Boston, Mass.

✓ WILLIAM A. M. WAINWRIGHT, M.A., M.D.,

Professor of Anatomy and Physiology.

453 Main Street.

✓ WILLIAM HAMERSLEY, M.A.,

Lecturer on Law.

297 Main Street.

✓ The Rev. JOHN HUMPHREY BARBOUR, M.A.,

Assistant Librarian.

48 Farmington Avenue.

The stated meetings of the Faculty are held every Tuesday morning at eleven o'clock.

DIRECTORY.

The office of the PRESIDENT is at	No. 13 Seabury Hall;
The office of the SECRETARY OF THE FACULTY, '	No. 21 Jarvis Hall;
The office of the BURSAR,	No. 4 Vernon Street;
The office of the TREASURER OF THE COLLEGE,	No. 39 Pearl Street.

BOARD OF FELLOWS.

FELLOWS.

The Rev. HENRY OLMSTEAD, D.D.
The Rev. SANFORD J. HORTON, D.D.
The Rev. JOHN BRAINARD, D.D.
W. A. M. WAINWRIGHT, M.A., M.D.
The Rev. JAMES L. SCOTT, M.A.

JUNIOR FELLOWS.

WILLIAM E. PECK, M.A.
The Rev. GEORGE McC. FISK, M.A.
The Rev. FRANK S. HARRADEN, M.A.
ROBERT F. BIXBY, M.A.
LUKE A. LOCKWOOD, M.A.
The Rev. LUCIUS WATERMAN, M.A.

OFFICERS OF CONVOCATION.

DEAN.

The Rev. GEO. MORGAN HILLS, D.D.

SUB-DEAN.

WILLIAM HAMERSLEY, M.A.

REGISTRAR.

WILLIAM E. CURTIS, M.A.

BURSAR.

SYDNEY G. FISHER, B.A.

STANDING COMMITTEE.

JOHN BROCKLESBY, LL.D.
The Rev. JOHN J. MCCOOK, M.A.
The Rev. SAMUEL HART, M.A.

UNDERGRADUATES.

SENIORS.

NAME.	RESIDENCE.	ROOM.
Harlow Clarke Curtiss,	<i>Buffalo, N. Y.</i>	10 J. H.
William Timothy Elmer,	<i>Marietta, Ga.</i>	34 J. H.
William Stanley Emery,	<i>Boston, Mass.</i>	43 J. H.
Charles Wright Freeland,	<i>Savannah, Ga.</i>	19 J. H.
Alfred Poole Grint,	<i>Hudson City, N. J.</i>	33 J. H.
George Sumner Huntington,	<i>Stamford, Ct.</i>	19 J. H.
Charles Waring Jones,	<i>Pittsburgh, Pa.</i>	28 J. H.
Ernest August Kempe,	<i>Red Wing, Minn.</i>	31 J. H.
Alexander Taylor Mason,	<i>Boston, Mass.</i>	29 J. H.
Frank Ebenezer Miller,	<i>Hartford.</i>	26 Morgan St.
William Beebee Nelson,	<i>New York City.</i>	1 J. H.
Edward Pearson Newton,	<i>Brooklyn, N. Y.</i>	19 J. H.
James Russell Parsons, Jr.,	<i>Hoosac Falls, N. Y.</i>	11 J. H.
George Bradley Pattison,	<i>Hoosac Falls, N. Y.</i>	4 J. H.
George Endicott Perkins,	<i>New York City.</i>	9 J. H.

NAME.	RESIDENCE.	ROOM.
Louis Cope Washburn,	<i>Gilbertsville, N. Y.</i>	2 J. H.
Richard Allyn White,	<i>New York City.</i>	99 Wash'ton St.

STUDENTS IN SPECIAL COURSES.

Charles Smith Cook,	<i>Yankton Agency, D. T.</i>	38 J. H.
Adolph William Reineman,	<i>Allegheny City, Pa.</i>	15 J. H.

JUNIORS.

NAME.	RESIDENCE.	ROOM.
Charles Adams Appleton,	<i>New York City.</i>	6 J. H.
Clarence Ernest Ball,	<i>Hartford.</i>	35 Park St.
Richard Vernam Barto,	<i>Rochester, N. Y.</i>	10 J. H.
Daniel Murray Bohlen,	<i>Philadelphia, Pa.</i>	12 J. H.
Seabury Doane Brewer,	<i>Utica, N. Y.</i>	14 J. H.
Augustus Phillips Burgwin,	<i>Pittsburgh, Pa.</i>	18 S. H.
Charles Edward Caldwell,	<i>Cincinnati, O.</i>	————
Clarence Carpenter,	<i>Detroit, Mich.</i>	19 S. H.
Bernard Moore Carter,	<i>Baltimore, Md.</i>	20 J. H.
Charles Henry Carter,	<i>Baltimore, Md.</i>	20 J. H.
Frank Henry Church,	<i>Toledo, O.</i>	25 Congress St.
Charles Wheeler Coit,	<i>Concord, N. H.</i>	43 J. H.
Charles Silas Coleman,	<i>Utica, N. Y.</i>	17 S. H.
William Sloo Goodrich,	<i>Baton Rouge, La.</i>	44 J. H.
Charles Zebina Gould,	<i>Michigan City, Ind.</i>	17 S. H.
Frederick Clement Gowen,	<i>Philadelphia, Pa.</i>	18 J. H.
Charles Anderson Hamilton,	<i>Hartford.</i>	43 Allen Place.
Ernest Flagg Henderson,	<i>Staten Island, N. Y.</i>	6 J. H.

NAME.	RESIDENCE.	ROOM.
Heber Hoff,	<i>Waterloo, Iowa.</i>	31 J. H.
Seaver Milton Holden,	<i>Bridgeport, Ct.</i>	33 J. H.
Charles Erling Hotchkiss,	<i>Gouverneur, N. Y.</i>	2 J. H.
George Dawson Howell,	<i>Uniontown, Pa.</i>	7 J. H.
Arthur Beach Linsley,	<i>Hartford.</i>	38 J. H.
John Henry McCrackan,	<i>Brooklyn, N. Y.</i>	18 S. H.
Nicholas Williams McIvor,	<i>Cheraw, S. C.</i>	32 J. H.
Silas Henry Parks,	<i>Gt. Barrington, Mass.</i>	18 J. H.
Robert Theodore Reineman,	<i>Allegheny City, Pa.</i>	15 J. H.
William Crawford Sheldon, Jr.,	<i>Brooklyn, N. Y.</i>	9 J. H.
Pelham Williams Shipman,	<i>New York City.</i>	1 J. H.
James Remsen Strong,	<i>Newtown, L. I.</i>	8 J. H.
Samuel Newell Watson,	<i>Red Wing, Minn.</i>	13 J. H.
William Walter Webb,	<i>Philadelphia, Pa.</i>	30 J. H.
Andrew Murray Young,	<i>New York City.</i>	12 J. H.

SOPHOMORES.

NAME.	RESIDENCE.	ROOM.
Clarence Ramo Austin,	<i>Ridgefield, Ct.</i>	—
Edward Stevens Beach,	<i>Worcester, Mass.</i>	2 J. H.
J. Eldred Brown,	<i>Newport, R. I.</i>	17 S. H.
Richard Eugene Burton,	<i>Hartford.</i>	14 J. H.
John Ridgely Carter,	<i>Baltimore, Md.</i>	20 J. H.
Maurice Ludlum Cowl,	<i>New York City.</i>	7 J. H.
Edward Lawton Dockray,	<i>Newport, R. I.</i>	17 S. H.
Horatio Lee Golden,	<i>Kittanning, Pa.</i>	28 J. H.
George Greene, Jr.,	<i>Cedar Rapids, Iowa.</i>	27 J. H.
John Williams Huntington,	<i>Hartford.</i>	23 J. H.
George Pratt Ingersoll,	<i>New Haven, Ct.</i>	17 J. H.
William Alfred Jackson,	<i>Norwalk, Ct.</i>	27 J. H.
Clarence Morgan Kurtz,	<i>Reading, Pa.</i>	13 J. H.
Hinsdill Parsons,	<i>Hoosac Falls, N. Y.</i>	11 J. H.
Frank Roosevelt,	<i>New York City.</i>	8 J. H.
John Frederick Sexton,	<i>Windsor Locks, Ct.</i>	25 J. H.
William Seymour Short,	<i>Bethel, Ct.</i>	25 J. H.
Hobart Warren Thompson,	<i>Troy, N. Y.</i>	30 J. H.

NAME.	RESIDENCE.	ROOM.
Samuel Breck Parkman Trowbridge,	<i>New Haven, Ct.</i>	17 J. H.
Francis Melville Wheeler,	<i>Norwalk, Ct.</i>	————
Frank Dutton Woodruff,	<i>Hartford.</i>	855 Asylum Ave.
Arthur Henry Wright,	<i>Boston, Mass.</i>	44 J. H.

STUDENTS IN SPECIAL COURSES.

Thomas Bion Chapman,	<i>Thomaston, Ct.</i>	26 J. H.
Peter Francis Drum,	<i>Thomaston, Ct.</i>	26 J. H.

FRESHMEN.

NAME.	RESIDENCE.	ROOM.
Charles McLean Andrews,	<i>Wethersfield, Ct.</i>	Wethersfield.
William Stanley Barrows,	<i>Huntington, N. Y.</i>	38 J. H.
John Morgan Brainard,	<i>Auburn, N. Y.</i>	16 J. H.
George Dudley Buck,	<i>Hartford.</i>	60 Woodland St.
Frederick Dashiels Buckley,	<i>Versailles, Ct.</i>	25 J. H.
Hubert Davis Crocker,	<i>Chicago, Ill.</i>	39 J. H.
William Champion Deming,	<i>Litchfield, Ct.</i>	37 J. H.
John Septa Fillmore,	<i>Denver, Col.</i>	34 J. H.
George Heathcote Hills,	<i>Burlington, N. J.</i>	3 J. H.
William Henry Hitchcock,	<i>Pittsburgh, Pa.</i>	16 S. H.
John Brisbane Hollister,	<i>Litchfield, Ct.</i>	37 J. H.
Harwood Huntington,	<i>Hartford.</i>	23 J. H.
Frank Elisha Johnson,	<i>Hartford.</i>	37 Garden St.
George Ernest Magill,	<i>Newport, R. I.</i>	32 J. H.
James Frederic Olmsted,	<i>Fort Edward, N. Y.</i>	39 J. H.
Frank William Owen,	<i>Boonville, N. Y.</i>	36 J. H.
Edward Lawson Purdy,	<i>Rye, N. Y.</i>	16 S. H.
Frank Wood Richardson,	<i>Auburn, N. Y.</i>	16 J. H.

NAME.	RESIDENCE.	ROOM.
Frank Fenner Russell,	<i>Woodstock, Ct.</i>	25 J. H.
Huntley Russell,	<i>Waterbury, Ct.</i>	4 J. H.
Edgar Lewis Sanford,	<i>Thompsonville, Ct.</i>	25 J. H.
William Russell Sedgwick,	<i>Litchfield, Ct.</i>	29 J. H.
John Hasbrouck Sutton,	<i>North Andover, Mass.</i>	5 J. H.
Edward Simms Van Zile,	<i>Troy, N. Y.</i>	5 J. H.

STUDENT IN A SPECIAL COURSE.

Reginald Hills,	<i>Burlington, N. J.</i>	3 J. H.
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ABBREVIATIONS.

S. H.,	Seabury Hall.
J. H.,	Jarvis Hall.

REQUIREMENTS FOR ADMISSION.

Candidates for admission to the Freshman Class are examined in the following books:

GREEK.

Grammar (Hadley or Goodwin).

Xenophon: *Anabasis*, four Books.

Homer: *Iliad*, three Books, with Prosody.

Prose Composition (Jones or White: the exercises in the first half of the book).

History of Greece.

[The translation of average passages, not previously read, from Xenophon and Homer will be accepted as an alternative to the above-mentioned quantities in these authors.]

LATIN.

Grammar (Harkness).

Caesar: *Gallie War*, Books I.-V. inclusive; with questions on the subject-matter and on grammar.

Virgil: *Aeneid*, Books I.-VI. inclusive; the first *Georgic*; and the *Eclogues*; with questions on the subject-matter and on prosody.

Cicero: the *Orations* against Catiline, on the Manilian Law, for the Poet Archias, and for Marcellus; with questions on the subject-matter and on grammar.

Prose Composition: Translation into Latin of a passage of connected English narrative, based upon some passage in Caesar's *Gallie War*.*

Roman History: Outlines, to the death of Marcus Aurelius (Creighton).
Ancient Geography.

[Instead of the examination in the fifth book of the *Gallie War*, the *Georgic* and *Eclogues*, and the *Orations* for the Manilian Law and for Marcellus, any candidate may offer, as an equivalent, to sustain a written examination at sight upon average passages from Caesar's works, from Virgil's *Aeneid* and Ovid's *Metamorphoses*, and from Cicero's *Orations*, with general questions on grammar, history, and antiquities, suggested by

*In addition to the use of a text-book, it is recommended that pupils be accustomed, from the beginning of the preparatory course, to translate into Latin, both orally and in writing; passages prepared by the teachers upon the basis of the prose authors read.

the passages set. This examination in reading Latin at sight, which is now optional, will be required of all candidates, beginning in 1882.]

MATHEMATICS.

Arithmetic, including the Metric System.

Algebra, through Radicals and Quadratic Equations.

Plane Geometry, Books I.-IV. inclusive (Loomis).

[Beginning in 1882, the requirement in Algebra will include Proportion, Progressions, and the Binomial Theorem; and that in Geometry will extend to the end of Plane Geometry.]

ENGLISH.

Each candidate will be required to write a short English composition, correct in spelling, punctuation, grammar, division by paragraphs, and expression, upon a subject to be announced at the time of the examination. In 1881 the subject will be chosen from any one of the following works: Shakespeare's *Hamlet* and *Romeo and Juliet*; the first two books of Milton's *Paradise Lost*; Goldsmith's *She Stoops to Conquer*; Irving's *Life of Goldsmith*; Hawthorne's *Our Old Home*; George Eliot's *Silas Marner*; Scott's *Abbot*.

Each candidate will also be required to criticize specimens of English composition.

[In 1882, the subject of the composition will be chosen from one of the following works: Shakespeare's *Othello* and *King John*; Goldsmith's *Vicar of Wakefield* and *Deserted Village*; Carlyle's *Essay on Scott*; Scott's *Bride of Lammermoor*; George Eliot's *Mill on the Floss*.]

Instead of the text-books mentioned above, any others, if fully equivalent, will be accepted.

No candidate can be admitted to the Freshman Class before he has completed his fifteenth year.

Candidates for admission to any of the higher classes, whether from other Colleges or not, must sustain, besides the examination for admission to College, a further examination on the studies already pursued by the class which they propose to enter.

Candidates for admission as Students in Special Courses are examined on such parts of the above-mentioned requirements as belong to the departments in which they desire to be admitted.

All candidates for admission must bring testimonials of good moral character; and those who are from other Colleges must produce certificates of dismissal in good standing. These testimonials and certificates should be presented at the time of the Examinations.

The regular Examinations for Admission are held in Commencement-Week, and also immediately before the beginning of Christmas Term.

In 1881 the order of Examinations will be as follows:

Monday, June 27th, 2 P. M., Greek.	Tuesday, September 13th, 8 $\frac{1}{2}$ A. M., Greek;
Tuesday, June 28th, 8 $\frac{1}{2}$ A. M., Latin; 1 $\frac{1}{2}$ P. M., Mathematics.	1 $\frac{1}{2}$ P. M., Latin. Wednesday, September 14th, 8 $\frac{1}{2}$ A. M., Mathematics;
Wednesday, June 29th, 8 $\frac{1}{2}$ A. M., English.	1 $\frac{1}{2}$ P. M., English.

Candidates are required to present themselves at the hour specified for the beginning of the Examinations.

Copies of papers used at the Examinations in 1880 are printed at the end of this Catalogue.

COURSE OF INSTRUCTION

FOR THE DEGREE OF BACHELOR OF ARTS.

FRESHMAN CLASS.

CHRISTMAS TERM.

1. *Greek.* Homer's Odyssey: two Books. Greek Composition.
2. *Latin.* Cicero: De Senectute. Livy: Books I. and V. Latin Etymology and Syntax. Latin Prose (Abbott).
3. *Mathematics.* Algebra from the end of Quadratics (Wells).
4. *English.* Study of Words (Trench). Written Translations from Greek and Latin Authors, and Exercises in Composition.
5. *Natural History.* Animal Physiology; Zoology (Carpenter).

TRINITY TERM.

1. *Greek.* Homer's Odyssey: two Books. Herodotus. Greek Composition. Greek History.
 2. *Latin.* Horace: Odes, Epodes, and Satires. Grammar. Latin Prose (Abbott). Lectures on Roman Antiquities.
 3. *Mathematics.* Geometry (Chauvenet). Plane Trigonometry and Mensuration (Schuyler). Lectures on the History of Mathematics.
 4. *English.* Synonymes. English Past and Present (Trench). Written Translations and Compositions.
-

SOPHOMORE CLASS.

CHRISTMAS TERM.

1. *Greek.* Aeschylus: Prometheus. Greek Composition. Greek History.
2. *Latin.* History of the Roman Republic (Liddell).
3. *Mathematics.* Surveying and Navigation (Loomis). Spherical Trigonometry (Schuyler). Analytical Geometry (Eddy).
4. *English.* Grammar as bearing on Composition (Bain). Themes. Exercises in Composition and in Literary Analysis.
5. *French. First Division.* Grammar. Advanced Exercises (Chardenal). Les Prosateurs Français (Roche). Dictation.
Second Division. Grammar. Les Prosateurs Français (Roche).

TRINITY TERM.

1. *Greek*. Sophocles: Oedipus Tyrannus. Euripides: Medea. Greek Composition. Greek History.
2. *Latin*. Horace: Epistles and Ars Poetica. Suetonius. Exercises in writing Latin. Dictations. Lectures on the History of the Roman Empire.
3. *Mathematics and Natural Philosophy*. Conic Sections (Loomis). Higher Analytical Geometry. Mechanics (Peck or Todhunter).
4. *English and Rhetoric*. Rhetoric (Whately). Themes. Exercises in Composition and in Literary Analysis.
5. *French*. *First Division*. Les Prosateurs Français (Roche). La Fontaine's Fables. Selections from the Lyric and Tragic Poets. Exercises in writing French. Lectures on French Literature.
Second Division. Advanced Exercises (Chardenal). Les Prosateurs Français (Roche). La Fontaine's Fables. Lyric Poetry (Mixer's Manual). Dictations. Lectures on French Literature.

JUNIOR CLASS.

CHRISTMAS TERM.

1. *Greek*. Plato: Apology.
2. *Latin*. Tacitus: Annals. Extemporalia. Translations from English Authors.
3. *Natural Philosophy*. Hydrostatics, Pneumatics, Acoustics, and Optics (Atkinson's Ganot). Experiments and Lectures.
4. *English*. Anglo-Saxon. History of the English Language (Craik). Lectures on the Teutonic Languages. Themes.
5. *German*. Grammar. German Reader. Exercises in Writing German.
6. *History*. Lectures on the History of England.
7. *Oratory*. Original Orations, Extemporaneous Discussions, and Forensics.

TRINITY TERM.

1. *Greek*. Demosthenes: Popular Orations.
2. *Latin*. Juvenal: Satires. Virgil: Eclogues. Terence: Adelphi. Translations from English Authors. Lectures on the History of Roman Literature.
3. *Natural Philosophy and Astronomy*. Electricity and Magnetism (Atkinson's Ganot). Astronomy (Newcomb and Holden), and Lectures. Meteorology (Loomis), and Lectures.
4. *English*. History of English Literature (Craik, Shaw). English Philology. Anglo-Saxon. Readings in Early English. Lectures on American Literature. Themes, including Criticism.
5. *German*. Selections from Modern Prose Authors. Lyric Poetry Exercises in writing German. Lectures on German Literature.

6. *History.* Lectures on the History of the United States.
7. *Oratory.* Original Orations, Extemporaneous Speaking, and Forensics.

SENIOR CLASS.

CHRISTMAS TERM.

1. *Metaphysics.* Intellectual Science (Porter).
2. *Political Science.* Political Economy (Bowen).
3. *Natural Science.* Vegetable Physiology and Botany (Carpenter).
Chemical Physics: Heat, Light, and Electricity (Pynchon). Lectures and Experiments.
4. *English.* English History as illustrated by Shakespeare. Themes, including one Critique.
5. *History.* Lectures on Ancient History.
6. *Oratory.* Original Orations, Extemporaneous Speaking, and Forensics.

TRINITY TERM.

1. *Moral Philosophy.* Butler's Analogy and Ethical Sermons. Moral Philosophy.
2. *Logic.*
3. *Political Science.* History of European Civilization and History of Representative Government (Guizot). Constitution of the United States.
4. *Natural Science.* Chemistry: Inorganic (Miller) and Organic (Lectures). Lectures on the History of Chemistry. Conferences in Mineralogy. Geology (Dana).
5. *English.* Critical Study of Shakespeare. Themes, including Metrical Composition.
6. *History.* Lectures on the History of the Holy Roman Empire.
7. *Oratory.* Original Orations and Extemporaneous Speaking.

NOTE.—The classes are divided into sections in those studies in which it is found desirable to make this arrangement in order to secure thoroughness of instruction.

LECTURES.

The following courses of lectures are delivered each year:

- By Bishop Williams: to the Seniors, on Ancient History and the History of the Holy Roman Empire; to the Juniors, on the History of England and of the United States.

- By Professor Brocklesby: to the Juniors, on Natural Philosophy, Meteorology, and Astronomy, and the History of Astronomy, and on Natural Theology.

- By Professor Johnson: to the Juniors, on the History and Philology of the Teutonic Languages, and on American Literature.

- By Professor Hart: to the Sophomores, on the Literature of the Scriptures, and on the Conic Sections and Higher Curves; to the Freshmen, on the History of Mathematics.

- By Professor Holbrooke: to the Juniors, on the History of Latin Literature; to the Sophomores, on the History of the Roman Empire; to the Freshmen, on Roman Antiquities.

- By Professor Richardson; to the Juniors, on the History of German Literature; to the Sophomores, on the History of French Literature.

- By Professor Bolton: to the Seniors, on Chemistry, Mineralogy, and Geology, and on the History of Chemistry.

- By Professor Beckwith: to the Juniors, Sophomores, and Freshmen, on Greek Literature.

VOLUNTARY STUDIES.

In addition to the regular course of instruction, arrangements are made for the following courses of special study. The names of undergraduates pursuing voluntary studies in any term are publicly announced at the end of the term.

1. *Ethics and Metaphysics.*

SENIORS: Mansel's Philosophy of the Conditioned; Berkeley's Principles of Knowledge (Krauth); McCosh's Intuitions of the Mind.

2. *Chemistry and Natural Science.*

SENIORS: Natural History; Chemistry, Mineralogy, and Geology.

3. *Greek.*

SENIORS AND JUNIORS: Aristotle.

SOPHOMORES: Xenophon's Hellenica.

FRESHMEN: Homer.

4. *Latin.*

SENIORS: Quintilian; Patristic Latin.

JUNIORS AND SOPHOMORES: Plautus; Catullus.

FRESHMEN: Ovid; Caesar De Bello Civili.

5. *Mathematics and Natural Philosophy.*

SENIORS AND JUNIORS: Practical Astronomy (Loomis); Differential Calculus (Rice and Johnson); Differential and Integral Calculus (Smyth).

SOPHOMORES: Analytical Geometry (Howison).

FRESHMEN: Higher Algebra (Macnie); Geometrical Exercises (Chauvenet).

6. *English.*

SENIORS: Shakespearian Grammar (Abbott).

JUNIORS: English Literature (Taine).

SOPHOMORES: English Accidence (Morris).

FRESHMEN: English Language (Marsh).

7. *Modern Languages.*

SENIORS AND JUNIORS: Spanish: Don Quijote.

SENIORS AND JUNIORS: German: Selections from Modern Prose Writers; Goethe's Faust.

JUNIORS AND SOPHOMORES: French: Selections from Modern Prose Writers; Selections from the Dramatists.

8. *Oriental Languages.*

SENIORS AND JUNIORS: Elementary Hebrew Grammar (Green), and parts of the Pentateuch; Sanskrit Grammar, and reading lessons.

9. *History.*

JUNIORS: Mediæval and Modern History.

CHRISTMAS TERM, 1880.

SCHEME OF RECITATIONS.

SENIORS.

HOURS.	MONDAY.	TUESDAY.	WEDNESDAY.	THURSDAY.	FRIDAY.	SATURDAY.
8½	Greek Testament (Epistles). <i>a</i>	Metaphysics. <i>a</i>	Metaphysics. <i>a</i>	Metaphysics. <i>a</i>	Metaphysics. <i>a</i>	Metaphysics. <i>a</i>
10	Political Economy. <i>a</i>	Political Economy. <i>a</i>	English Literature. <i>b</i>	Political Economy. <i>a</i>	Polit. Economy or History. <i>a</i>	
12	Natural Science. <i>b</i>	Natural Science. <i>b</i>	Natural Science. <i>b</i>	Natural Science. <i>b</i>	Natural Science. <i>b</i>	

JUNIORS.

8½	Natural Theology. <i>c</i>	English Literature. <i>b</i>	Greek. <i>d</i>	English Literature. <i>b</i>	Greek. <i>d</i>	German. <i>d</i>
10	Natural Philosophy. <i>c</i>	Natural Philosophy. <i>c</i>	Natural Philosophy. <i>c</i>	Natural Philosophy. <i>c</i>	Nat. Philosophy or History. <i>c</i>	
12	Latin. <i>e</i>	German. <i>c</i>	Latin. <i>e</i>	German. <i>c</i>	Latin. <i>e</i>	

SOPHOMORES.

8½	History of Old Testament. <i>f</i>	Mathematics. <i>f</i>	Mathematics. <i>f</i>	Mathematics. <i>f</i>	Mathematics. <i>f</i>	Mathematics. <i>f</i>
10	French. <i>f</i>	Latin. <i>e</i>	French. <i>f</i>	Latin. <i>e</i>	French. <i>f</i>	
12	Greek. <i>d</i>	Greek. <i>d</i>	Greek. <i>d</i>	Greek. <i>d</i>	English. <i>f</i>	

FRESHMEN.

8½	Greek Testament (Gospels). <i>d</i>	Latin. <i>e</i>	Latin. <i>e</i>	Latin. <i>e</i>	Latin. <i>e</i>	Latin. <i>e</i>
10	Greek. <i>d</i>	Greek. <i>d</i>	Greek. <i>d</i>	Greek. <i>d</i>	English. <i>d</i>	
12	Zoology. <i>a</i>	Mathematics. <i>f</i>	Zoology. <i>a</i>	Mathematics. <i>f</i>	Zoology. <i>a</i>	

a Moral Philosophy Room.*b* Chemical Room.*c* Philosophical Room.*d* Greek Room.*e* Latin Room.*f* Mathematical Room.

TRINITY TERM, 1881.

SCHEME OF RECITATIONS.

SENIORS.

HOURS.	MONDAY.	TUESDAY.	WEDNESDAY.	THURSDAY.	FRIDAY.	SATURDAY.
8½	Blunt's Coincidences. <i>a</i>	Moral Philosophy. <i>a</i>	Moral Philosophy. <i>a</i>	Moral Philosophy. <i>a</i>	Moral Philosophy. <i>a</i>	Moral Philosophy. <i>a</i>
10	Political Science. <i>a</i>	Political Science. <i>a</i>	English Literature. <i>b</i>	Political Science. <i>a</i>	Polit. Science or History. <i>a</i>	
12	Chemistry. <i>b</i>	Chemistry or Mineralogy. <i>b</i>	Chemistry. <i>b</i>	Chemistry or Mineralogy. <i>b</i>	Chemistry or Geology. <i>b</i>	

JUNIORS.

8½	Evidences of Christianity. <i>c</i>	Latin. <i>e</i>	Greek. <i>d</i>	Latin. <i>e</i>	Greek. <i>d</i>	Latin. <i>e</i>
10	German. <i>c</i>	English Literature. <i>f</i>	German. <i>c</i>	English Literature. <i>f</i>	German or History. <i>c</i>	
12	Astronomy or Meteorology. <i>c</i>	Astronomy or Meteorology. <i>c</i>	Astronomy or Meteorology. <i>c</i>	Astronomy or Meteorology. <i>c</i>	Astronomy or Meteorology. <i>c</i>	

SOPHOMORES.

8½	History of the Scriptures. <i>f</i>	Greek. <i>d</i>	Latin. <i>e</i>	Greek. <i>d</i>	Latin. <i>e</i>	Greek. <i>d</i>
10	Mathematics or Mechanics. <i>f</i>	Latin. <i>e</i>	Mathematics or Mechanics. <i>f</i>	Latin. <i>e</i>	Mathematics or Mechanics. <i>f</i>	
12	French. <i>f</i>	Rhetoric. <i>f</i>	French. <i>f</i>	Rhetoric. <i>f</i>	French. <i>f</i>	

FRESHMEN.

8½	Greek Testament (Gospels). <i>d</i>	Mathematics. <i>f</i>	Mathematics. <i>f</i>	Mathematics. <i>f</i>	Mathematics. <i>f</i>	Mathematics. <i>f</i>
10	Greek. <i>d</i>	Greek. <i>d</i>	Greek. <i>d</i>	Greek. <i>d</i>	English. <i>d</i>	
12	Latin. <i>e</i>	Latin. <i>e</i>	Latin. <i>e</i>	Latin. <i>e</i>	Latin. <i>e</i>	

a Moral Philosophy Room.*b* Chemical Room.*c* Philosophical Room.*d* Greek Room.*e* Latin Room.*f* Mathematical Room.

RELIGIOUS SERVICES AND INSTRUCTION.

The hours of daily Prayers in the College Chapel are 8 o'clock A. M. and 5.40 o'clock P. M. The students are excused from attendance at Prayers three times a week.

On Sunday, the Holy Communion is administered in the Chapel at 8.10 o'clock A. M. The students attend the Morning Service at such Church in the city as their parents or guardians designate. At 5 o'clock P. M., Evening Prayer is said in the Chapel.

The President, who is the Pastor of the College, discharges the duties of Chaplain, in which he is assisted by the other clerical members of the Faculty.

On Monday, the first recitation is devoted to religious studies. These comprise, during the College course, the following subjects: The New Testament in Greek (Gospels and Epistles); Old and New Testament History and Biblical Literature; Natural Theology; the Evidences of Christianity; the Historical Coincidences and Evidences of the Holy Scriptures.

TERMS AND VACATIONS.

The academic year comprises two terms—Christmas and Trinity. Christmas term begins in September, eleven weeks after Commencement, and extends to the Thursday before Christmas. It is followed by the Christmas vacation of three weeks.

Trinity Term begins in January, at the end of the Christmas vacation, and extends to Commencement, which is the Thursday before the Fourth of July. In this term there is also an Easter recess of ten days, ending on the first Monday of May. Commencement-Day in 1881 falls on the thirtieth day of June.

Trinity vacation continues eleven weeks from Commencement.

MATRICULATION.

All students are required to matriculate on their admission to the College.

Matriculation consists in signing, in the presence of the President, Faculty, and others, the following promise:

"I promise to observe the Statutes of Trinity College; to obey all the rules and regulations of the Faculty; to discharge faithfully all scholastic duties imposed upon me; and to maintain and defend all the rights, privileges, and immunities of the College, according to my station and degree in the same."

EXAMINATIONS AND HONORS.

Examinations are held at the close of each term, upon all the studies of that term. These examinations are partly oral and partly written.

If a student attains in any department an average of nine in his marks for the recitations throughout the year, and also an average of nine in his marks for the Christmas and the Trinity Examinations taken together, it is publicly announced at the close of the year that he has passed the Examinations in that department *cum honore*. At the end of the College course, if a student has passed all the Examinations for Honors in one or more departments, it is publicly stated in conferring his degree, that he is graduated *cum honore*; and the names of the graduating class are printed in the next annual catalogue in the following manner: first, the names of those students who have been graduated *cum honore*, with a statement of the departments in which they have obtained honor; then the names of the others in alphabetical order. A student who passes all the Examinations *cum honore* in all departments, is graduated with the title of OPTIMUS.

[The honors in the Examinations of 1880, as given on pages 41 and 42 of this Catalogue, were attained by passing special examinations, as heretofore.]

CONDITIONS.

No student is admitted to Examination in any department, unless his average mark for the term in that department is at least five on a scale of ten.

When a student is excluded from Examination, or fails to pass any Examination in whole or in part, he is conditioned, and such deficiency must be made up during vacation; and the student is

required to report himself at a specified hour before the opening of the following term, prepared to pass a special examination.

No student is advanced to the studies of any year until he has passed the Examinations of the preceding year.

STUDENTS IN SPECIAL COURSES;

AND THE DEGREE OF BACHELOR OF SCIENCE.

The Statutes provide that students who do not propose to attend the whole course of instruction may be permitted, under the name of Students in Special Courses, to recite with the regular classes in such studies, always including Latin, as, upon examination, they shall be found qualified to pursue. They are examined for admission to the College on such parts of the regular requirements as belong to the departments in which they propose to enter (see page 19); are subject to the same rules and enjoy the same privileges as the regular students; and, on leaving with an honorable dismissal, are entitled to a certificate from the President, stating the time they have been members of the College, and the studies pursued during that time; or, provided they complete the course prescribed for that purpose, they receive the degree of Bachelor of Science.

The degree of Bachelor of Science is conferred upon those students who complete the regular course of study in all the departments except the Greek, and also sustain a special examination in one of the following courses, viz.: Differential and Integral Calculus and Zoology; Chemistry and Natural History; Astronomy, Mineralogy, and Geology.

Any student completing the course prescribed for the degree of Bachelor of Arts may receive the further degree of Bachelor of Science upon passing an examination in one of the courses above mentioned, together with a special examination in such parts of the regular course as are connected with it.

Notice of intention to apply for this degree must be given in writing to the Secretary of the Faculty at the beginning of Senior year.

STANDING AND APPOINTMENTS.

The standing of a student is reckoned from the beginning of the Freshman year, and is determined by his diligence in study, his punctuality in attendance, and his general good conduct.

At the close of each term a report of the scholarship, attendance, and conduct of each student is transmitted to his parent or guardian.

The aggregate standing attained by each member of a class is published at the beginning of the second term in Junior year and at the end of Senior year. When a student has entered College after the beginning of Freshman year and before the beginning of the second term in Sophomore year, his standing for the term or terms during which he was absent is considered to have the same ratio to the maximum as that which he gains while in residence up to the time of the first publication of his aggregate standing, and, having been once published, is not recomputed. The standing of a student entering later in the course is computed in the same manner, with a deduction of five per cent.

All the students in a class, the aggregate of whose marks for the entire course is to the maximum attainable in the ratio of at least $7\frac{3}{4}$ to 10, receive appointments for Commencement; and their names are printed as receiving such appointments on the Commencement programme.

The first seven appointments to speak at Commencement are given according to the aggregate of marks in the entire College course. The Faculty may appoint three other speakers for Commencement; but no student can receive a special appointment unless his standing in Mental Philosophy, in Butler's Analogy, and in the Theme Writing of the course is at least $7\frac{3}{4}$ on a scale of 10, and unless the mark of his Graduating Oration is at least 9 on a scale of 10.

No appointment is ordinarily assigned to any student who has entered College at or after the beginning of Senior year.

LIBRARY.

The Library is open on Saturdays from 10 A. M. to 12.30 P. M. and on other week-days from 2 to 4 P. M., and the students are allowed free access to the shelves.

It contains about 18,500 volumes, exclusive of duplicates, pamphlets, and unbound periodicals, and is increasing from the income of the Bishop Burgess, Elton, Sheffield, Peters, and Atheneum Funds, amounting in all to \$26,000. The Alumni Library Fund now amounts to about \$4,000, making the aggregate of the Library Funds \$30,000.

Donations to these funds, and gifts of books, pamphlets, engravings, and portraits, are earnestly solicited from the Alumni and from other friends.

The College Reading Room is supplied with newspapers and periodicals published in this country and in England.

The Watkinson Library, a valuable collection of books for reference, containing about 35,000 volumes, is also accessible to the students.

Students can be provided to some extent with text-books, by means of a free lending library established for that purpose, which is under the charge of the Professor of Latin.

CABINET.

The Cabinet possesses valuable collections of Minerals, Shells, and Fossils. It has been recently enriched through the generosity of friends of the College by important additions in Natural History, Geology, and Mineralogy. These comprise a set of Ward's casts of celebrated fossils, including the Megatherium, the Colossochelys, the Plesiosaurus, etc., a series of mounted skeletons of modern animals, a series of actual fossils, and a stratigraphical and lithological collection of rocks.

The Cabinet is open every week-day from 2.30 to 4 o'clock P. M.

In order to make the Cabinet as complete as possible, a continuance of the valuable donations, by which in former years the collection has been increased, is strongly urged, and the Alumni are asked to give their active coöperation in carrying out this design.

The Gymnasium and the Field of the Athletic Association provide all the students with opportunities for physical exercise.

EXPENSES.

The necessary expenses of a student for a College year, not including clothing, books, etc., may be estimated as follows:

Treasurer's Bill:				
Tuition, \$90; other charges, \$30,	-	-	-	\$120.00 \$120.00
Room-rent, according to location,	-	-	from	25.00 to 125.00
Heat and light, -	-	-	-	17.50 17.50
				<hr/>
				\$162.50 \$262.50
Board, 37 weeks, at \$4.50 per week,	-	-	-	166.50 166.50
Washing, -	-	-	from	25.00 to 45.00
				<hr/>
Total, -	-	-	from	\$354.00 to \$474.00

The charge for tuition is in some cases remitted. In order to obtain a scholarship securing this remission, written application, stating the reasons for asking it, should be made by the parent or guardian, at or before the beginning of the term in which the student intends to enter. The necessary expenses of a student holding such a scholarship are from \$264 to \$384.

The College Dining-Hall is leased to a committee of the students, by whom board is provided at cost. The present price is \$4.50 per week.

The College Bills are due at the beginning of each term, and must be settled at the Treasurer's Office, No. 39 Pearl Street, immediately on the arrival of the student; if not so paid, an additional charge of five per cent. is made for each term's delay. All checks and drafts should be made payable to the order of Charles E. Graves, Treasurer.

By vote of the Trustees, the Treasurer, with the approval of the President, is authorized to exclude from recitations students neglecting to pay their College bills when due.

Students admitted to advanced classes, except those from other Colleges, are required to pay \$12 for each term of their advancement. This charge is sometimes remitted.

The Statutes require all students to reside in the College buildings, unless they have special permission from the President to room elsewhere.

No student can receive his degree or an honorable dismissal until the Treasurer certifies that all his College bills are paid, and that, so far as the Treasurer knows, there are no lawful claims upon him for board or washing which he has failed to satisfy.

PRIZES.

TUTTLE PRIZE.

THE TUTTLE PRIZE OF THIRTY DOLLARS was founded by the late Miles A. Tuttle, Esq., of Hartford. It will be awarded to that member of the Senior Class who shall write the best essay on "*The Development of Civil Liberty in the Anglo-Saxon Race.*" The essays must be submitted to the President on or before the 2d of May, 1881. No award will be made except for distinguished excellence.

TUTTLE PRIZE ESSAYISTS.

1860. "The Benefits Resulting from a Collegiate Education." AUGUSTUS JACKSON.
1861. "The Nature of Light." ALBIN BARLOW JENNINGS.
1862. "The Writings of Washington Irving." [Not awarded.]
1863. "The Safeguards of College Life." WILLIAM THOMAS CURRIE.
1864. "The College Law of Honor." [Not awarded.]
1865. "The Providential Law of Scientific Discovery and Invention." JOHN HENRY BROCKLESBY.
1866. "Physical Science, a Power in the Moral Advancement of Mankind." HENRY EMERSON HOVEY.
1867. "The Development of the Mechanical Arts in the Roman Republic." [Not awarded.]
1868. "The Systems of Protection and Free Trade—which is best adapted to Promote the Prosperity of the United States?" EDWARD RENWICK BREVOORT.
1869. "The Causes of the French Revolution." JOSEPH BLOUNT CHESHIRE, JR.
1870. "The Antiquity of Man." BRADY ELECTUS BACKUS.
1871. "The Influence of War upon Civilization." CHAUNCEY CAMP WILLIAMS.
1872. "The Nature and Origin of Life." ROBERT CLAYTON HINDLEY.
1873. "The Equitable Adjustment of the Claims of Labor and Capital." RALPH HART BOWLES, JR.
1874. "Number and Quantity, as Functions of Physical Law." THOMAS JAMES DRUMM.
1875. "The Norman Element in English Civilization." EDWARD WILLIAM WORTHINGTON.
1876. "The Prevalence of Periodicity in the Material World." [Not awarded.]
1877. "The Roman Empire as Foreshadowed in Prophecy." JOHN HENRY KING BURGWIN.
1878. "The Philosophy of Waste in Nature." [Not awarded.]
1879. "The Causes and the Results of the Crimean War." [Not awarded.]
1880. "The Doctrine of Evolution, as tested by the Principles of the Inductive Philosophy." [Not awarded.]
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CHEMICAL PRIZE.

A PRIZE OF THIRTY DOLLARS will be awarded to that member of the Senior Class who shall write the best essay on "*Explosives*"; and a second prize of twenty dollars will be awarded to that member of the class who shall write the second best essay on the same subject. The essays must be submitted to the Professor of Chemistry on or before the 4th of May, 1881.

CHEMICAL PRIZE ESSAYISTS.

1858. "Water." DAVID MAITLAND ARMSTRONG.
 1859. "Carbonic Acid." SAMUEL BROOM WARREN.
 1860. "The Atmosphere." CHARLES HENRY WRIGHT STOCKING.
 1861. "The Relations of Water to Heat." AUGUSTUS MORSE, JR.
 1862. "Phlogiston." ROBERT WALKER LINEN.
 1863. "Fire-Damp." JOHN JAMES MCCOOK.
 1864. "Chlorine and its Compounds." ROBERT AGNEW BENTON.
 1865. "The Relations of Plants to the Atmosphere." SAMUEL STEVENS.
 1866. "Hydrogen." CHARLES HENRY BELKNAP TREMAINE.
 1867. "Phosphorus." GEORGE GIDEON NICHOLS.
 1868. "Oxygen." FRANK KENNEDY.
 1869. "The Voltaic Pile." GEORGE OTIS HOLBROOKE.
 1870. "Artificial Light." PERCY SHELLEY BRYANT.
 1871. "The Metric System." GEORGE WILLIAM DOUGLAS.
 1872. "The Electro-Magnetic Telegraph." GEORGE HENRY SEYMS.
 1873. "Spectrum Analysis." WILLIAM HOWARD BULKLEY.
 1874. "Photography." EDWARD NICOLL DICKERSON, JR.
 Second Prize: GEORGE MCILVAINE DUBOIS.
 1875. "The Steam Engine." WASHINGTON BRYAN.
 Second Prize: GEORGE WILLIAM LINCOLN.
 1876. "Iron." EDWARD NEVINS BURKE.
 Second Prize: WILLIAM WHARTON GILLETTE.
 1877. "Potassium and its Compounds." STEPHEN GERMAIN HEWITT.
 Second Prize: EDWARD MANSFIELD SCUDDER.
 1878. "Combustion." HORACE BROWN SCOTT.
 Second Prize: GEORGE SUMNER CHIPMAN.
 1879. "Sulphur." SYDNEY GEORGE FISHER.
 Second Prize: ALFRED HARDING.
 1880. "The Atomic Constitution of Matter." ROBERT BARCLAY.
 Second Prize: WILLIAM RIDGLEY LEAKEN.

PRIZE VERSION DECLAMATIONS.

A PRIZE will be awarded on the following conditions:

There must be six competitors; two from the Senior, two from the Junior, and two from the Sophomore Class. The two members of each class whose rank is highest in the studies of the preceding year in the department of English and Rhetoric will be appointed the competitors. Passages from Greek and Latin

authors, distributed by lot, and then translated into English and submitted to the Professor of Greek or Latin and the Professor of English, will be pronounced in public on the 19th of May, 1881, in the presence of a committee of award on the delivery. The merits of the version as a translation and as an English composition, together with the merits of the delivery as a declamation, will have equal weight in determining the award of the Prize.

The Prize-man of the year, if he be still a member of the College, will consider himself under obligation to pronounce an original version at the Prize Declamations of the following year, without being a candidate for the Prize.

PRIZE-MEN.

1863. Joseph Field Ely.	1873. Oliver Henry Rastery.
1865. James Brainard Goodrich.	1874. James Davis Smyth.
1866. Frank Louis Norton.	1875. George Milton Hubbard.
1867. Howard Cooke Vibbert.	1876. George Sumner Chipman.
1868. George Lewis Cooke, Jr.	1877. { Charles Carroll Edmunds, Jr.
1869. George William Douglas.	{ Edward Mansfield Scudder.
1870. Arthur Dyer.	1878. John Dows Hills.
1871. Paul Ziegler.	1879. Alfred Harding.
1872. Alexander Mackay-Smith.	1880. Harry Campbell Black.

ENGLISH LITERATURE PRIZE.

A PRIZE OF SIXTY-FIVE DOLLARS is offered to the Senior Class for the best examination in English Literature from the earliest times to the present day, with special reference, for the Class of 1881, to *The Prose of the Reign of Queen Anne*. There must be at least five competitors. The examination, which will be held on the 19th and 20th. of November, 1880, will be in writing, and the questions proposed will not be confined to any text-book. The Professor of English and Rhetoric, the Professor of Latin, and a third person, not a member of the Faculty, to be selected by them, will be a committee to hold the examination and award the prize.

The special subjects of examination for the following classes will be :

For the Class of 1882,	<i>The Poetry of the Nineteenth Century.</i>
For the Class of 1883,	<i>The Theological Writings of the Seventeenth Century.</i>
For the Class of 1884,	<i>The Poetry of the Eighteenth Century.</i>
For the Class of 1885,	<i>The Historical and Philosophical Writings of the Eighteenth Century.</i>

PRIZE MEN.

1877. George Sumner Chipman.
1878. [Not awarded.]

1879. William Logan Crosby.

LATIN PRIZE.

A PRIZE OF TWENTY-FIVE DOLLARS will be awarded to that member of the Junior Class who shall sustain the best examination in Crutwell's *History of Roman Literature*. There must be three competitors. The examination will be held on the 3d of May, 1881.

PRIZE-MEN.

1870. Henry Scudder Wood.
1871. Pahl Ziegler.
1873. James Davis Smyth.
1874. [Not awarded.]
1875. Henry Groves Cameron.

1876. Charles Carroll Edmunds, Jr.]
1877. George Sumner Chipman.
1878. Lorin Webster.
1879. Bern Budd Gallaudet.
1880. Charles Wright Freeland.

PASCAL-FÉNELON PRIZE.

THIS PRIZE, given since 1876 in memory of the late President Jackson, is of the value of twenty dollars, in books. It will be awarded to that member of the Sophomore Class who shall sustain the best examination in Fénelon's *Traité de l'Existence de Dieu*. The examination will be held on the 10th of May, 1881.

PRIZE-MEN.

1871. Charles Pomeroy Parker.
1872. Thomas Lathrop Stedman.
1873. George Milton Hubbard.
1874. Isaac Hiester.
1875. Sydney Douglass Hooker.

1877. Lorin Webster.
1878. Bern Budd Gallaudet.
1879. George Sumner Huntington.
1880. Charles Wheeler Colt.

MATHEMATICAL PRIZES.

A PRIZE OF TWENTY DOLLARS will be awarded to that member of the Freshman Class who shall sustain the best examination in the solution of Algebraic Problems. The examination will be held on the 4th of December, 1880.

A PRIZE OF TWENTY DOLLARS will be awarded to that member of the same class who shall sustain the best examination in Chauvenet's *Modern Geometry*. The examination will be held on the 7th of May, 1881.

PRIZE-MEN.

Algebra Prize.

- 1870-71.
1871-72.
1872-73.
1873-74. John Prout.
1874-75. John Williams.
1875-76. Walter Calvin Hagar.
1876-77. Bern Budd Gallaudet.
1877-78. Richard Allyn White.
1878-79. Arthur Beach Linsley.
1879-80. Clarence Morgan Kurtz.

Geometry Prize.

- James Diggles Hurd.
Charles Davies Scudder.
Henry Groves Cameron.
John Henry King Burgwin.
John Williams.
Joseph Mosgrove Truby.
Thomas Morduit Nelson George.
Charles Wright Freeland.
William Walter Webb.
Clarence Morgan Kurtz.

ORATORICAL PRIZES.

THE STUDENTS, in continuation of prizes given by the Athenaeum and Parthenon Literary Societies, offer two Medals as prizes for excellence in writing and pronouncing English Orations. Two members of each of the three upper classes, selected after competition, will deliver their orations in public on the 22d of February, 1881, in the presence of a committee of award. A gold medal will be awarded as the first prize, and a silver medal as the second prize.

PRIZE-MEN.

Gold Medal.

- 1869-70. Arthur Dyer.
1870-71. Chauncey Camp Williams.
1871-72. Henry Evan Cotton.
1873-74. William Jackson Roberts.
1874-75. Charles Davies Scudder.
1875-76. Beverley Ellison Warner.
1876-77. William Viall Chapin.
1877-78. David Law Fleming.
1878-79. David Buchanan Willson.
1879-80. Thomas Morduit Nelson George.

Silver Medal.

- Paul Ziegler.
Alexander Mackay-Smith.
James Diggles Hurd.
Joseph Buffington.
John Huske.
James Dowdell Stanley.
Edward Mansfield Scudder.
Robert Lefavour Winkley.
Melville Knox Bailey.
Harry Campbell Black.

HONOR-MEN FOR THE YEAR 1879-80.

HONORS IN THE CLASS OF 1880.

<i>Valedictory,</i>	THOMAS MORDUIT NELSON GEORGE.
<i>Salutatory,</i>	LORIN WEBSTER.

TUTTLE PRIZE ESSAY,	[Not awarded.]
CHEMICAL PRIZE ESSAY,	Robert Barclay.
<i>Second Prize,</i>	William Ridgley Leaken.
PRIZE VERSION,	Harry Campbell Black.
JACKSON PHILOSOPHICAL PRIZE,	Harry Campbell Black.
ENGLISH LITERATURE PRIZE,	William Logan Crosby.
<i>Second Prize,</i>	Theodore Mount Peck.
LATIN PRIZE,	Charles Wright Freeland.
PASCAL-FÉNELON PRIZE,	Charles Wheeler Coit.
MATHEMATICAL PRIZES:	
<i>Algebra Prize,</i>	Clarence Morgan Kurtz.
<i>Geometry Prize,</i>	Clarence Morgan Kurtz.

ORATORICAL PRIZES:

<i>Gold Medal,</i>	Thomas Morduit Nelson George.
<i>Silver Medal,</i>	Harry Campbell Black.

HONORS IN THE EXAMINATIONS.

SENIORS.

*In Mental, Moral, and Political Philosophy, Chemistry and Natural Science,
and English;*

Thomas Morduit Nelson George,

Orlando Holway.

In English;

William Logan Crosby,

Theodore Mount Peck,

Lorin Webster.

JUNIORS.

In Natural Philosophy and Astronomy, Greek, and English;

Charles Waring Jones.

In Natural Philosophy and Astronomy;

Richard Allyn White.

In English;

William Stanley Emery.

SOPHOMORES.

In Greek, Latin, and English;

Seaver Milton Holden.

In Greek and English;

Charles Anderson Hamilton.

In Greek;

Charles Wheeler Coit,

Samuel Newell Watson.

In English;

Frederick Clement Gowen.

FRESHMEN.

In Greek, Latin, and English;

J. Eldred Brown.

In Greek and English;

Edward Lawton Dockray.

In Latin;

Hinsdill Parsons,

Francis Melville Wheeler.

In English;

Richard Eugene Burton,

William Alfred Jackson.

DEGREES CONFERRED IN 1880.

The following Degrees, having been voted at the annual meeting of the Corporation, held on the 30th day of June, 1880, were duly conferred at the public Commencement on the following day.

BACHELOR OF ARTS, CUM HONORE.

In Mental, Moral, and Political Philosophy, Chemistry and Natural Science, and Mathematics and Natural Philosophy ;

✓ Thomas Morduit Nelson George.

In Mental, Moral, and Political Philosophy, and Chemistry and Natural Science ;

✓ Orlando Holway.

In English ;

✓ Theodore Mount Peck.

BACHELOR OF ARTS, IN COURSE.

✓ Edward Dale Appleton.

✓ Robert Barclay.

✓ John Chester Barrows.

✓ Lawson Brewer Bidwell.

✓ Harry Campbell Black.

✓ William Logan Crosby.

✓ Francis Randolph Curtis.

✓ David Law Fleming.

✓ Bern Budd Gallaudet.

✓ George Kneeland.

✓ Louis Albert Lanpher.

✓ William Ridgley Leaken.

✓ Henry Clarence Loveridge.

✓ Hoffman Miller.

✓ Richard Henry Nelson.

✓ Arthur Eugene Pattison.

- ✓ Frederick Grenville Russell.
- ✓ Morton Stone.
- ✓ Stewart Stone.
- ✓ Lorin Webster.
- ✓ Frank Langdon Wilcox.
- ✓ Frederick Peck Wilcox.
- ✓ Coleman Gandy Williams.

BACHELOR OF SCIENCE, IN COURSE.

✓ Orlando Holway.

MASTER OF ARTS, IN COURSE.

- The Rev. Henry Ogden Du Bois.
Grenville Kane, LL.B.
- The Rev. William Foster Morrison.
- The Rev. George Huntington Nicholls.
Edward Mansfield Scudder, LL.B.
Harry Mitchell Sherman, M.D.
- The Rev. James Dowdell Stanley.
- ✓ The Rev. Henry Thomas, Dickinson College.

MASTER OF ARTS, HONORIS CAUSA.

- ✓ JOSIAH CLEVELAND CADY, New York City.
- ✓ The Rev. WILLIAM HENRY WILLIAMS, Vicar of Padgate,
Warrington, England.

DOCTOR OF LAWS.

- ✓ WILLIAM PETIT TROWBRIDGE, M.A. Yale and Rochester,
Professor in the School of Mines of Columbia College.

DOCTOR IN DIVINITY.

- The Rev. JOHN CLARKSON DuBois, M. A. Trinity, Rector of
St. Paul's Church, Fredericksted, St. Croix, W. I.
- ✓ The Very Rev. JOHN SAUL HOWSON, M.A. Trinity College,
Cambridge, D.D. Cambridge, Dean of Chester, England.

SCHOLARSHIPS.

The following Scholarships were founded "for the benefit of young men in indigent circumstances, communicants of the Protestant Episcopal Church."

SCOVILL SCHOLARSHIP, founded by William H. Scovill, Esq., of Waterbury.

SCOVILL SCHOLARSHIP, founded by J. M. L. Scovill, Esq., of Waterbury.

ELTON SCHOLARSHIP, founded by John P. Elton, Esq., of Waterbury.

ST. JOHN'S, WATERBURY, SCHOLARSHIP, founded by Parishioners of St. John's Church, Waterbury.

TRINITY CHURCH, NEW HAVEN, SCHOLARSHIP, founded by Parishioners of Trinity Church, New Haven.

ST. PAUL'S, NEW HAVEN, SCHOLARSHIP, founded by Parishioners of St. Paul's Church, New Haven.

LAKE SCHOLARSHIP, founded by Benjamin T. Lake, Esq., of Bethlehem.

HALLAM SCHOLARSHIP, founded by the Rev. Robert A. Hallam, D.D., of New London.

ST. JAMES'S, NEW LONDON, SCHOLARSHIP, founded by Parishioners of St. James's Church, New London.

SHELTON AND SANFORD SCHOLARSHIP, founded by the Shelton and Sanford families, of Derby.

MORGAN SCHOLARSHIP, founded by the Rev. John Morgan, of Stratford.

FOWLER SCHOLARSHIP, founded by the Fowler family, of Northfield.

CORNELL SCHOLARSHIP, founded by Samuel G. Cornell, Esq., of Greenwich.

ST. PAUL'S, NORWALK, SCHOLARSHIP, founded by Parishioners of St. Paul's Church, Norwalk.

TRINITY CHURCH, PORTLAND, SCHOLARSHIP, founded by Parishioners of Trinity Church, Portland.

SHERMAN SCHOLARSHIP, founded by the Sherman family, of Brookfield.

BURR SCHOLARSHIP, founded by Mrs. Sarah Burr, of Hartford.

ST. JOHN'S CHURCH, HARTFORD, SCHOLARSHIP, founded by Parishioners of St. John's Church, Hartford.

FIVE OTHER SCHOLARSHIPS were endowed in the same manner by sundry subscriptions, and the nomination to these is vested in the Corporation.

TOUCEY SCHOLARSHIPS.

These are four in number, founded in 1868 by the Hon. Isaac Toucey, LL.D. They yield \$300 each *per annum*, and are assigned, after a competitive examination, to students who are studying with a view to the Holy Ministry. The founder, by making the College the trustee of another fund, has enabled it to appoint the holders of these Scholarships to Scholarships of equal value in the Berkeley Divinity School.

SCHOLARSHIPS OF THE CHURCH SCHOLARSHIP SOCIETY.

The Church Scholarship Society of the Diocese of Connecticut aids a few students with loans, not exceeding \$100 *per annum*, which are granted only to persons in necessitous circumstances, preparing for Holy Orders, and sustaining a correct deportment as communicants. Applicants must be furnished with a testimonial of such qualifications, signed by a clergyman to whom they are personally known. The President of the College is President of the Executive Board of the Church Scholarship Society.

SCHOLARSHIPS OF THE SOCIETY FOR THE INCREASE OF THE MINISTRY.

This Society holds the Mark Warner fund, amounting to about \$10,000, the income of which, under the conditions of the gift, is to be applied to young men, scholars of the Society, studying at Trinity College or the Berkeley Divinity School. The Society is also able to grant other scholarships, ranging in value from \$100 to \$300 *per annum*.

SCHOLARSHIP OF CHRIST CHURCH, HARTFORD.

This was founded in 1839 by J. Smyth Rogers, M.D., Professor of Chemistry. In 1845, in consideration of the subscription from the Parish for the erection of Brownell Hall, the endowment was increased. The right of nomination is vested in the Rector of Christ Church.

SCHOLARSHIP OF ST. PAUL'S CHURCH, TROY, N. Y.

This was founded in 1830 by members of the Parish whose name it bears. It is "for the benefit of pious and indigent young men studying with a view to the Ministry in the Protestant Episcopal Church." The right of nomination is in the Rector, Wardens, and Vestry of St. Paul's Church, Troy.

HEARTT SCHOLARSHIP.

This was founded in 1830 and endowed by Philip Heartt, Esq., of Troy. It has the same object with the preceding Scholarship. The right of nomination was vested in Mr. Heartt during his lifetime; and afterward in the Bishop of the Protestant Episcopal Church in the Diocese of Connecticut; and during any vacancy in the Episcopate, devolves on the presiding officer of the College.

SCHOLARSHIPS OF THE SOCIETY FOR PROMOTING RELIGION AND LEARNING IN NEW YORK.

These are eight in number, and were founded in 1843, under an arrangement with the Society. They entitle the students by whom they

are held to free tuition. The right of nomination is in the Society; and, in return, the College has the right to nominate, after free competition, to three scholarships in the General Theological Seminary of the Protestant Episcopal Church, entitling the holders to two hundred dollars *per annum* and freedom from all Seminary charges.

SCHOLARSHIPS OF TRINITY CHURCH, NEW YORK.

These are five in number, and were founded in 1843, in consideration of the sum of \$5,000, granted by the vestry of Trinity Church, New York, toward the endowment of the Hobart Professorship. The students by whom they are held are exempt from all charges for "tuition, room-rent, fuel for recitation-rooms, or other general objects." The right of nomination is in the Rector, Wardens, and Vestry of Trinity Church, or their assigns, or any person by them authorized.

THOMAS BACKUS SCHOLARSHIP.

This was founded in 1837 by the Rev. Stephen Jewett, M.A., to be held "by some beneficiary designing to enter the Ministry of the Protestant Episcopal Church," and is of the value of one hundred dollars annually, for which the beneficiary is to give his obligation, payable with interest four years after he leaves the College. This scholarship yields no available income at present.

WILLIAM ALLEN MATHER SCHOLARSHIP.

This was founded in 1864, and endowed by Mrs. Jane C. Mather, of Hartford. The student by whom it is held is exempt from all charges for "tuition, room-rent, fuel for recitation-rooms, or other general objects." The right of nomination to the Scholarship is in the hands of the founder.

KIRBY SCHOLARSHIP.

This was founded in 1872, and endowed by a legacy of Miss Harriet Kirby, of Hartford. It yields \$300 *per annum*, which is to be appropriated to under-graduates studying with a view to Holy Orders. The right of nomination is vested in the Rector of St. John's Church, Hartford; or, in case he fails to nominate, in the Corporation of the College.

BURHANS SCHOLARSHIP.

This Scholarship was founded by a bequest of the Rev. Daniel Burhans, D.D. The sum of \$500 which he left to the College having accumulated by the addition of interest to \$1,000, the interest on this last amount is now available in accordance with the terms of the legacy. The scholarship is to be held by "such candidate for Orders as shall be nominated from time to time by the Rector and Wardens of Christ Church, Hartford."

NOTE.—No student, incurring a serious College censure in the course of the year, will be recommended for the continuance of any scholarship.

EXAMINATIONS FOR ADMISSION.

1880.

GREEK.

[Greek words are to be written with the accent.]

I. GRAMMAR.

Change according to the laws of euphony γτ, λλ, βθ.

When do enclitics retain their accent?

Decline throughout δόξα, μέτρον, στόμα, ἀνήρ.

Decline through all the genders of the singular χαλκοῦς, εὐγενής.

“ “ “ “ “ plural ἡδύς, βελτίων.

Give the synopsis of Fut. Act. βάλλω, Aor. Mid. ἄρχω, Aor. Pass. τέρπω; Pres. Act. δίδωμι, 2d Aor. Mid. τίθημι.

Inflect through the persons and numbers Pres. Ind. Act. φιλέω, Pres.

Opt. Act. αὐδᾶω, Imperf. Act. ἵημι, 2d Aor. Imperat. Act. ἴστημι.

Describe the Attic reduplication.

What is meant by the subjective genitive? the gnomic aorist?

II. XENOPHON.

Translate:

Τί οὖν, ἔφη ὁ Κῦρος, ἀδικηθεῖς ὑπ' ἐμοῦ νῦν τὸ τρίτον ἐπιβουλεύων μοι φανερός γέγονας; εἰπόντος δὲ τοῦ Ὀρόντου ὅτι οὐδὲν ἀδικηθεῖς, ἠρώτησεν ὁ Κῦρος αὐτόν, Ὁμολογεῖς οὖν περὶ ἐμὲ ἄδικος γεγενῆσθαι; Ἡ γὰρ ἀνάγκη, ἔφη ὁ Ὀρόντης. ἐκ τούτου πάλιν ἠρώτησεν ὁ Κῦρος, Ἐτι οὖν ἂν γένοιτο τῷ ἐμῷ ἀδελφῷ πολέμιος, ἐμοὶ δὲ φίλος καὶ πιστός; ὁ δὲ ἀπεκρίνατο ὅτι Οὐδ' εἰ γενόιμην, ὦ Κῦρε, σοι γ' ἂν ποτε ἔτι δόξαιμι.

ANAB. I. 6, 8.

Give the construction of Τί, εἰπόντος. Complete the clause ὅτι—ἀδικηθεῖς. Explain the optative in line 4. What was the fault of Orestes here referred to?

Translate:

οὕτω μὲν φιλοπόλεμος· πολεμικὸς δὲ αὖ ταύτη ἐδόκει εἶναι ὅτι φιλοκίνδυνός τε καὶ ἡμέρας καὶ νυκτὸς ἄγων ἐπὶ τοὺς πολεμίους καὶ ἐν τοῖς δεινοῖς φρόνιμος· καὶ ἀρχικὸς δ' ἐλέγετο εἶναι ὥς δυνατὸν ἐκ τοῦ τοιούτου τρόπου οἷον κἀκεῖνος εἶχεν. ἱκανὸς μὲν γὰρ ὥς τις καὶ ἄλλος φροντίζειν ἣν ὅπως ἔχοι ἡ στρατιὰ αὐτῷ τὰ ἐπιτήδεια καὶ παρασκευάζειν ταῦτα, ἱκανὸς δὲ καὶ ἐμποιεῖσαι τοῖς παροῦσιν ὥς πειστέον εἴη Κλεάρχῳ.

ANAB. II. 6, 7 f.

Give the construction of *ἡμέρας*, *Κλεάρχῳ*. Explain the accent of *ὤς*. Give the rule for the mode of *έχοι*. What event led to this description of Clearchus?

Translate:

ταῦτα δὲ διαπραξάμενοι οἱ βάρβαροι ἦκον ἐπ' ἀντίπορον λόφον τῷ μαστῶ· καὶ Ξενοφῶν διελέγετο αὐτοῖς δι' ἐρμηνέως περὶ σπονδῶν καὶ τοὺς νεκροὺς ἀπῆτει. οἱ δὲ ἔφασαν ἀποδώσειν ἐφ' ᾧ μὴ καίειν τὰς κώμας. συνωμολόγει ταῦτα ὁ Ξενοφῶν. ἐν ᾧ δὲ τὸ μὲν ἄλλο στράτευμα παρήει, οἱ δὲ ταῦτα διελέγοντο, πάντες οἱ ἐκ τούτου τοῦ τόπου συνερρήσαν. ἐνταῦθα ἴσταντο οἱ πολέμοι. καὶ ἐπεὶ ἤρξαντο καταβαίνειν ἀπὸ τοῦ μαστοῦ πρὸς τοὺς ἄλλους, ἐνθα τὰ ὄπλα ἔκειντο, ἵεντο δὴ οἱ πολέμοι πολλῶ πληθύνει καὶ θορύβῳ.

ANAB. IV. 2, 18 f.

Give the construction of *αὐτοῖς*. Where the are following verbs made, and from what presents: *παρήει*, *συνερρήσαν*, *ἤρξαντο*?

III. COMPOSITION.

Translate into Greek:

Both the woman and the man are good.

This river flows through the same country.

If we should send a gift all would be well.

Let the treaty remain until they come.

IV. HISTORY AND GEOGRAPHY.

Give an account of the Amphictyonic Council. Describe the form of government at Sparta; the constitution of Cleisthenes at Athens. What was the relation of the Ionic revolt to the Persian Wars? Give the date of the battle of Aegospotami, and describe the political changes at Athens in consequence of that battle.

Locate Sardis, Abydus, Delphi, Amphipolis, Mt. Taygetus, Lemnos, Salamis, the Peneus, the Cephisus.

V. HOMER.

Oral Examination.

LATIN.

I. CAESAR.

Translate:

Postquam omnes Belgarum copias in unum locum coactas ad se venire vidit, neque jam longe abesse ab his quos miserat exploratoribus et ab Remis cognovit; flumen Axonam, quod est in extremis Remorum finibus, exercitum transducere maturavit, atque ibi castra posuit.

GALLIC WAR, II. 5.

Where did the *Remi* live? What is the modern name of the *Axona*? Mark the quantity of the penult. Explain the tense *vidit*; the cases *copias*, *Remis*; the number of *castra*. Give the principal parts of *coactas* and *posuit*. When is *se* used for *eum*?

Translate:

Eodem die legati, ab hostibus missi ad Caesarem de pace, venerunt. His Caesar numerum obsidum, quem antea imperaverat, duplicavit, eosque in continentem adduci jussit, quod, propinqua die aequinoctii, infirmis navibus, hiemi navigationem subjiciendam non existimabat. Ipse, idoneam tempestatem nactus, paulo post mediam noctem naves solvit, quae omnes incolumes ad continentem pervenerunt.

GALLIC WAR, IV. 36.

Explain the cases *hostibus*, *obsidum*, *die*, *aequinoctii*, *hiemi*. When is *ab* used for *a*? What is to be supplied with *subjiciendam*? Give the principal parts of *nactus*, *delatae*. What is the derivation of *continentem*?

II. VIRGIL.

Translate:

Una in praecelsa consedit rupe Celaeno,
Infelix vates, rumpitque hanc pectore vocem:
Bellum etiam pro caede boum stratisque juvencis,
Laomedontiadae, bellumne inferre paratis,
Et patrio Harpyias insontes pellere regno?
Accipite ergo animis atque haec mea figite dicta.
Quae Phoebus pater omnipotens, mihi Phoebus Apollo
Praedixit, vobis Furiarum ego maxima pando.
Italiam cursu petitis, ventisque vocatis
Ibitis Italiam, portusque intrare licebit;
Sed non ante datam cingetis moenibus urbem,
Quam vos dira fames, nostraeque injuria caedis,
Ambesas subigat malis absumere mensas.

AENEID, III. 245-257.

Comment upon *Celaeno*, *Laomedontiadae*, *Harpyias*, *Phoebus*, *Furiarum*. Give the connection of the passage; the genitive of *Celaeno*. Explain the case in the phrase *Ibitis Italiam*. Write out the first two lines, marking the scansion.

III. CICERO.

Translate:

Nam profecto memoria tenetis, Cotta et Torquato consulibus, complures in Capitolio res coelo esse percussas, cum et simulacra Deorum immortalium depulsa sunt, et statuæ veterum hominum dejectae, et legum aera liquefacta. Tactus est etiam ille, qui hanc urbem condidit, Romulus; quem inauratum in Capitolio parvum atque lactentem, uberibus lupinis inhiantem, fuisse meministis. Quo quidem tempore, cum aruspices ex tota Etruria convenissent, caedes atque incendia, et legum interitum, et bellum civile ac domesticum, et totius urbis atque imperii occasum appropinquare dixerunt, nisi Dii immortales, omni ratione placati, suo numine prope fata ipsa flexissent.

AGAINST CATILINE, III. 8.

Comment upon *Capitolio*, *legum aera*, *Romulus*, *uberibus lupinis*, *arus-pices*. Distinguish the words *simulacra* and *statuae*. Explain the peculiarity of the verb *memini*; the subjunctives *convenissent* and *flexissent*. Give the principal parts of *percussas*.

Translate:

Itaque illam tuam praeclarissimam et sapientissimam vocem invitus audiui: "Satis diu vel naturae vixi, vel gloriae." Satis, si ita vis, naturae fortasse; addo etiam, si placet, gloriae: at (quod maximum est) patriae certe parum. Quare, omitte, quaeso, istam doctorum hominum in contemnenda morte prudentiam; noli nostro periculo sapiens esse.

FOR MARCELLUS, 8.

Explain the cases *invitus*, *naturae*, *maximum*, *morte*, *periculo*, *sapiens*. Explain the use of the verbs *placet*, *quaeso*, *noli*. Distinguish the use of *certe* and *certo*.

IV. ANCIENT GEOGRAPHY.

Where was the *Propontis*? the *Mare Aegaeum*? *Corinthus*? *Sardis*? *Babylon*? *Alexandria*? *Cyrene*? the *Tagus*? the *Tamesis*? *Lugdunum*?

V. ROMAN HISTORY.

Name the Roman kings in order. What were the Licinian Rogations? the Agrarian laws of the Gracchi? Who conquered Tarquinius Superbus? Brennus? Hannibal? Mithridates VI.? M. Antonius? Who murdered Julius Caesar? Cicero?

VI. COMPOSITION.

Translate into Latin:

During the battle, the Gauls ascended the mountain, and prepared a camp, to which their friends might retreat, if the Romans prevailed. Here they collected their women and their baggage.

VII. ETYMOLOGY.

Decline *incus*, *vulgus*, *latus*, *juventus*, *solus*, *frugi*; compare *parvus*, *interior*; give the synopsis of *memini*.

MATHEMATICS.

ARITHMETIC.

1. Find the least number divisible by each of the first eight prime numbers.
2. Add together the greatest and the least of the fractions $\frac{3}{4}$, $\frac{7}{8}$, $\frac{11}{12}$, and $\frac{1}{2}$, and subtract the sum from the sum of the other two.
3. Divide $\frac{2}{3}$ of $7\frac{3}{4}$ by $\frac{4}{5}$ of $11\frac{4}{11}$.
4. A quantity of captured shell and guns, weighing 105,370 kilogrammes, is to be made into shells weighing 196 lbs. each; how many such shells can be cast, allowing 6 per cent. for waste?
5. Define decimal fractions; and give AND EXPLAIN the rule for dividing one decimal by another.

ALGEBRA.

1. Find the value of $\frac{1}{1+x} + \frac{1}{1+x} + \frac{1}{1+x}$.
2. Separate 41 into two such parts that the one divided by the other may give 1 as a quotient and 5 as a remainder.
3. Solve the equations $x + 2y + 3z = 17$,
 $2x + 3y + z = 12$,
 $2x + y + 2z = 13$.
4. Extract the square root of $4x^4 + 4x^{\frac{5}{2}}y^{-\frac{1}{2}} - 15x^2y^{-\frac{1}{2}} - 8x^{\frac{7}{2}}y^{-\frac{3}{2}} + 16x^{\frac{8}{3}}y^{-1}$.
5. Find the sum of $\sqrt{20}$, $\sqrt{\frac{1}{5}}$, $\sqrt{\frac{5}{9}}$. EXPLAIN the process.
6. Find all the roots of the equation $(x^2 - 5x)^2 - 8(x^2 - 5x) = 84$.

GEOMETRY.

1. Define parallel lines, a corollary, the different kinds of quadrilaterals, a diagonal, a sector, a tangent.
2. Prove that The greater side of a triangle is opposite the greater angle; and, conversely, the greater angle is opposite the greater side.
3. Prove that The angle formed by a tangent and a chord is measured by half the arc included between its sides.
4. Prove that If from a point without a circle a tangent and a secant are drawn, the square of the tangent is equivalent to the rectangle of the whole secant and its external segment.
5. [Substitute for 2 and 3.] Prove that In any right-angled triangle, the middle point of the hypotenuse is equally distant from the vertices of the three angles.

ENGLISH.

GEOGRAPHY.

- I. 1. Define latitude and longitude. 2. What is the equator? 3. What is the breadth of the torrid zone in degrees? 4. What is the greatest number of degrees of latitude that any place may have?
- II. 1. Name and locate the chief mountain systems of the Western continent; name their component ranges, and also the principal rivers which rise in them. 2. Locate the following peaks: Hood, Ætna, Teneriffe, Stromboli. 3. What is the general course of the mountains of the Eastern continent? 4. Which continent is noted for its plateaus? which for its plains?
- III. 1. Describe the course of a vessel in going from Quebec to Canton, locating the two cities. 2. What is the largest island in the world? the most important? 3. Trace the course of the following rivers: St. Lawrence, Missouri, Volga, Orinoco.

- IV. 1. For what is each one of the following places famous? Geneva, Quebec, Gibraltar, Naples, Waterloo, Mecca. 2. Name and describe two regions which are below the sea level. 3. What is the most eastern point of North America? of Africa? 4. What country lies nearest to Iceland?
- V. Bound Vermont, Ohio, Arizona, Mississippi, Afghanistan, and Turkey in Europe. 2. What British islands are in the Mediterranean Sea? 3. What are the most important cities in New York, France, Ireland, Russia?

GRAMMAR.

- I. Write a description of your native town, or of any other.
[This theme will be regarded as a test of your knowledge of the proper use of English. It must be at least one page in length. Special attention should be given to spelling, punctuation, syntax, and the correct choice and arrangement of words.]
- II. Correct, when needed, the errors in the following sentences:
1. "What sounds have each of the vowels?"
 2. "The younger of the three sisters is the prettier."
 3. "Neither the intellect nor the heart are capable of being driven."
 4. "America was discovered during Ferdinand's and Isabella's reign."
 5. "He run till he was so weary that he was forced to lay down."
 6. "I am not sure but what this is right."
- III. Explain the grammatical function of each italicized word in the following passage, and its connection with other words in the sentence:
- "Icarus was *instructed* by his father to beware, when he came to *fly* over the sea, of taking either *too* high or too low a course. For, his wings being fixed on with *wax*, the fear was *that*, if he rose too high, the wax would be melted by the *sun's* heat; if he kept down too near the vapor of the sea, it would lose the tenacity of *its* moisture. Icarus, in the adventurous spirit of youth, made *for* the heights, and so fell *headlong* down."
1. Give the principal parts of the verb *rose*. How is the word *spirit* modified? What is the subject of *fell*?
 2. Give the derivation of *instructed*, *tenacity*, *adventurous*, *spirit*.